19980316.qrp v01_n031.qrs.980316

Date: Mon, 16 Mar 1998 19:03:15 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1031

QRP-L Digest 1031

Topics covered in this issue include:

  1) [6085] HP200 Keying Interface
     by flydnq7x@primenet.com (Floyd Smithberg)
  2) [6086] kh6b: A Low-Cost, Broadband Mobile Antenna
     by kh6b@juno.com (Dean W Manley)
  3) [6087] A visitor from the West to NE QRP
     by PDouglas12 <PDouglas12@aol.com>
  4) [6088] K5FO Sighting
     by "Wilford D. Lindsey" <70511.3041@compuserve.com>
  5) [6089] KC1 with TT1340?
     by penzo@juno.com (Michael A Penzo)
  6) [6090] WO3B Fox Log
     by "KA5T Larry Wise" <lewise@inetport.com>
  7) [6091] FS Index Labs QRP+
     by Bruce Milne <bmilne@afcon.net>
  8) [6092] K5FO AT NE QRP
     by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
  9) [6093] Beverage Antenna
     by "Ron Polityka" <wb3aal@talon.net>
 10) [6094] Finished the kit...
     by kd4zkw <kd4zkw@amsat.org>
 11) [6095] QRPQ index online
     by "KA5T Larry Wise" <lewise@inetport.com>
 12) [6096] Sorry I missed the meeting
     by "Jim Francoeur KC1FB" <jim_kc1fb@pipeline.com>
 13) [6097] Static buildup
     by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
 14) [6098] Another OHR-100 lives ...
     by Maurice Rice <rice4@greenville.infi.net>
 15) [6099] Re: Beverage Antenna
     by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
 16) [6100] Re: Beverage Antenna
     by Hank Kohl K8DD <k8dd@contesting.com>
 17) [6101] WTB:External VFO for Corsair I
     by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 18) [6102] Value of Johnson Matchbox Tuner?
     by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 19) [6103] WTB:TenTec #282 CW Filter

by "Wilford D. Lindsey" <70511.3041@compuserve.com>
20) [6104] FS:Whiterook MK-88 Keyer
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
21) [6105] Re: Idea Exchange disclaimer
by Scott Bauer <ke3nv@erols.com>
22) [6106] Re: Idea Exchange disclaimer
by Scott Bauer <ke3nv@erols.com>
23) [6107] Re: Idea Exchange disclaimer
by "Ken Hanks" <kennfd@ibm.net>
24) [6108] FS Kenwood TS-120V QRP
by jcs4us@cosmoaccess.net
25) [6109] Hooked
by "Jim Barrett" <jbarrett@stny.lrun.com>
26) [6110] Re: GQRP - GEOMAGNETIC STORM 3-11
by Paul Harden <pharden@aoc.nrao.edu>
27) [6111] Re: GEOMAGNETIC STORM 3-11
by Paul Harden <pharden@aoc.nrao.edu>
28) [6112] Elmer 101: Ham Radio Reference Book...Where Can I Get It?
by Chuck and Michele Snyder <csnyder@nextdim.com>
29) [6113] SOLAR SUMMARY 3-16
by Paul Harden <pharden@aoc.nrao.edu>
30) [6114] Re: RF probe voltage dependency
by Leon Heller <leon@lfheller.demon.co.uk>
31) [6115] Re: Beverage Antenna
by N9DD <N9DD@aol.com>
32) [6116] Live by tailending, die by tailending, ARRRRGGGHHHHHH!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
33) [6117] Have you sent in for your banquet tix yet?
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
34) [6118] Re: Hooked
by "Jim Barrett" <jbarrett@stny.lrun.com>
35) [6119] Re: Hooked
by "Jim Barrett" <jbarrett@stny.lrun.com>
36) [6120] Elmer101: Solid state design
by Michael Maiorana <mikemo@ibm.net>
37) [6121] Discussion - what validates a QSO?
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
38) [6122] Keyer for NW20
by Chuck Carpenter <w5usj@webwide.net>
39) [6123] Re: Discussion - what validates a QSO?
by Chris Cartwright <ccart@dns.vidtel.com>
40) [6124] Autotuner question
by Roger Hightower <n7kt@earthlink.net>
41) [6125] Re: Live by tailending, die by tailending, ARRRRGGGHHHHHH!
by Joe Gervais <vole@primenet.com>
42) [6126] Iowa QRP Group forming
by John Burnley <JBurnley@ifmc.org>
43) [6127] DK3: The list...

by Chris Cartwright <ccart@dns.vidtel.com>
44) [6128] ICOM 706MKII 40 mtrs/Night??
by Tim Ahrens <tahrens@inetport.com>
45) [6129] Discussion - what validates a QSO?
by "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
46) [6130] QRP and QRPp stuff, or "I love 30m!"
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
47) [6131] Re: Discussion - what validates a QSO?
by Dave Sjolin <sjolin@swbell.net>
48) [6132] Web site - newist
by Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
49) [6133] vibroplex trade?
by jim <kw3u@warwick.net>
50) [6134] Features
by Brad Mugleston <bmug@gwl.com>
51) [6135] Re: Keyer for NW20
by "Ken Hanks" <kennfd@ibm.net>
52) [6136] RE: Stuff for Sale
by Larry East <w1hue@amsat.org>
53) [6137] RE: Elmer101 Schematics and Printing PostScript Files
by cjl@mail09.mitre.org (Charles J. Ludinsky)
54) [6138] Re: ICOM 706MKII 40 mtrs/Night??
by Roger Hightower <n7kt@earthlink.net>
55) [6139] Re: I PASSED the no code Tech Exam
by Bruce Rattray <rattray@gpfn.sk.ca>
56) [6140] Re: Web site - newist
by Joe Smith <joey@cooldude.com>
57) [6141] Better to work 30M or 40M all-around lately?
by "Kevin F. Glynn" <kfglynn@prodigy.net>
58) [6142] antenna info?
by dave_epps@juno.com
59) [6143] vertical or horizontal
by jdenison@morelr.com (JOEL DENISON)
60) [6144] Re: ICOM 706MKII 40 mtrs/Night??
by Vic Rosenthal <rakefet@rakefet.com>
61) [6145] Spring 98 Issue of QRPp to the Printer
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
62) [6146] Antennas West
by dave_epps@juno.com
63) [6147] Re: vertical or horizontal
by Joe Gervais <vole@primenet.com>
64) [6148] Tentec 217 & 220 filters
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
65) [6149] FOX: N/T+ Fox Thurs night - N0GLM - Time change
by "Buck, Preston D" <BuckPD@corning.com>
66) [6150] ARRL Contest Corral for April
by joel malman <malman@world.std.com>
67) [6151] Re: Discussion - what validates a QSO?

    by "Paul R. Valko" <prvalko@oakland.edu>
 68) [6152] FS: Scout package, Century 21, Corsair II/263G
    by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
 69) [6153] Re: Novice/Tech+ Sprint
    by Ed Loranger <we6w@qsl.net>
 70) [6154] Re: vibroplex trade?
    by Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
 71) [6155] Re: antenna info?
    by Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
 72) [6156] 2xQRP/WAS/M - now there is an award
    by wd3p@juno.com (Larry Cahoon)
 73) [6157] Re:valid QSOs
    by wd3p@juno.com (Larry Cahoon)
 74) [6158] Re: Antennas West
    by Ken Lopez <kjlopez@earthlink.net>
 75) [6159] Re: Discussion - what validates a QSO?
    by Ed Tanton <n4xy@bellsouth.net>
 76) [6160] Fw: Antennas West
    by "Steve Galchutt" <n0tu@webaccess.net>
 77) [6161] N/T Sprint
    by Bruce Rattray <rattray@gpfn.sk.ca>
 78) [6162] NorCal paddles: contact problems?
    by "Mullins, Michael (MJ)" <MJMULLINS@dow.com>
 79) [6163] Re: The Balanced Ham (Long)
    by Ed Loranger <we6w@qsl.net>
 80) [6164] Re: I PASSED the no code Tech Exam
    by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>

Date: Sun, 15 Mar 1998 16:59:42 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: trlog@contesting.com, qrp-l@Lehigh.EDU
Subject: [6085] HP200 Keying Interface
Message-ID: <199803152359.QAA13705@smtp04.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've just acquired a HP200LX palmtop to use with TRLog for QRP field contests.
TR v.6.16 works fine but the keyer interface I've been using with 2 other
computers doesn't want to work with the HP(pin 4 to computer/pin 5 to gnd).
Does the HP require different pinouts or??? Have HP Com 1 port power set
on...TR is NOT in the simulator mode and have logcfg.dat line 'keyer output
port = serial 1'.
Any help would be appreciated...tnx.
72/73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL AMSAT ARCI G-QRP NORCAL   DX WRKD HF=324 SAT=101 QRP=124

Date: Sun, 15 Mar 1998 19:19:18 EST
From: kh6b@juno.com (Dean W Manley)
To: qrp-l@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [6086] kh6b: A Low-Cost, Broadband Mobile Antenna
Message-ID: <19980315.141821.5391.0.kh6b@juno.com>

Aloha to the group.

Re: April 1998 QST, Page 33.
Right-on, Phil. The gang needs to know some of the well-known "secrets" of the past. From your description and the drawings, it appears that your model is a low-Q "bug-catcher". An obvious trade-off. I've used your antenna idea and it makes my receiver so quiet, I don't use the noise blanker.
I'm working on the "Inverted Image" beam antenna. I will be using electronic steering for obvious reasons. I believe that WNU used something similar for receiving signals through the Caribbean summer QRN some years ago.
Dean KH6B
--------- End forwarded message ----------

_____
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Date: Sun, 15 Mar 1998 19:39:51 EST
From: PDouglas12 <PDouglas12@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [6087] A visitor from the West to NE QRP
Message-ID: <8fe8843.350c74d9@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Gang,
Well, the surprise is out now. Instead of regular show and tell, my surprise for the NE QRP meeting at ARRL HQ in Newington CT today was that I brought Chuck Adams hisself. Chuck managed to juggle his schedule to fly in Saturday

to Laguardia Airport, where I met him. We drove up to Newington with Tom Lifland W2RFU (that's W2 Real Fouled Up) early Sunday morning and arrived just after the meeting started at 9:45. It was so neat to see everyone's faces when Chuck walked in.

Dennis Marandos moderated a very informal meeting to discuss the way NE QRP will continue, hopefully to thrive and provide a base for New England hams from all over the area, and there were lots of good ideas.

We suspended activity for a parking lot demo with some QRP satellite contacts while the bird was above the horizon, and then back in to finish up for show and tell. Joe E had some neat stuff (a Rainbow antenna analyzer!) in the prototype stage, and there were a number of very sharp variations on the SMiTe and Pixies -- some done full dead-bug style.   Dave Benson stopped in to tell us that his Elmer rig is close to ready, boards only delayed a couple of days by the awful winter storms in the central states, and he expects to have the updated rigs ready in only a few weeks now. The three crystal filter in the prototype is supposed to be a real winner. The prototype populated pc board was handed around for close inspection.

We did lunch at Vito's Pizza. Zack Lau led the way over there as the restaurant is just around the corner from his home, and his suggestion was a great one. The place had great food.

After lunch, we came back to HQ where some of the guys operated W1AW ...QRP, of course. And Zack Lau invited us into the lab to see some of the works in progress and old prototypes of famous rigs. His 3 Band QRP rig was on display, and Chuck found the original Tuna Tin transmitter with which he posed for a picture.

I have uploaded a baker's dozen pictures of the meeting to Chuck, who promises to have them on his web page. To my mind, the best part of our group is the people, and getting to see them, even just once in long while, is great.

72,

Preston Douglas WJ2V

Date: Sun, 15 Mar 1998 19:51:17 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:n1qqv@cshore.com" <n1qqv@cshore.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [6088] K5FO Sighting
Message-ID: <199803151954_MC2-36D6-2D23@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Ken:

Sounds like you guys responded just like we (MN/QRP} did a couple of months ago. Chuck came to MN for a business conference...and we prevailed on him for a dinner. Sure was *great* to meet him in person. He truly is one of the nicest people you can meet. It indeed was an honour to meet him in person :-).

FTR...no joy here re W1AW/QRP. Never heard a peep out of it, on any band. Had to settle for some DX instead. Also heard *no* N/T+ guys, either. Seems odd...since the prop outlook is to good. Oh well.

72/73,
--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 ar/qrp 73 hi/qrp 30 ARCI 9398 CQC 29305
ARRL DXCC 143/85 Grid EN34 <>< FOXes 3/13/98 = 36. A 1997/98 FOX.

Omni V Corsair I Yaesu FT-900CAT Icom 730 Wilderness Sierra
49er SW-40 Mercury Paddles Schurr Paddles Emtech ZM-2 MFJ 259
MFJ 941D Matchbox GAP Titan TNT/2 Windom SLV/W6MMA G5RV
Timewave 599zx Autek QF-1 RS DSP-40 OHR SCAF

"Things should be as simple as possible, but no simpler"--A. Einstein

---

Date: Sun, 15 Mar 1998 20:00:18 EST
From: penzo@juno.com (Michael A Penzo)
To: qrp-l@Lehigh.EDU
Subject: [6089] KC1 with TT1340?
Message-ID: <19980315.195156.12191.1.penzo@juno.com>

Has anyone tried a Wilderness KC-1 with a TKIT 1340? If so, where is the best place to tap into the VFO? I have tried to call Wilderness to check on compatibility but I'm having trouble getting through. Thanks in advance for the advice.
72,
Mike, KT4FJ
Stafford, VA.

_____
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 16 Mar 1998 01:09:40
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@Lehigh.EDU>
Subject: [6090] WO3B Fox Log
Message-ID: <199803160111.TAA01042@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

Did I miss the posting of this or has it not yet been posted?

Larry KA5T

Georgetown, Texas
lewise@inetport.com

Date: Sun, 15 Mar 1998 20:24:58 -0500
From: Bruce Milne <bmilne@afcon.net>
To: qrp-l@Lehigh.EDU
Subject: [6091] FS Index Labs QRP+
Message-ID: <3.0.5.32.19980315202458.0079fc90@afcon.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For sale, Index Labs QRP+ in excellent condition.
$350 OBO.
Contact Bruce Milne, WB2QAP
      bmilne@afcon.net
      Phone (941)-637-1693
****
      Let's keep in touch
           Bruce Milne

bmilne@afcon.net
****

Date: Mon, 16 Mar 1998 01:58:09 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [6092] K5FO AT NE QRP
Message-ID: <19980316015808.AAA1977@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

THANKS FOR THE RECAP, PRESTON... IT WAS A GREAT DAY FOR QRP AT W1AW!
OF COURSE I'LL BE SPENDING THE REST OF MY QRP LIFE KICKING MY BUTT
FOR DECIDING LAST MINUTE TO STAY HOME AND WORK WITH A COUPLE OF CLUB
MEMBERS ON OUR FALTERING REPEATER. HOPE ALL HAD A GREAT TIME! 72 =S=

,,,
>Gang,
>Well, the surprise is out now. Instead of regular show and tell, my surprise
>for the NE QRP meeting at ARRL HQ in Newington CT today was that I brought
>Chuck Adams hisself. Chuck managed to juggle his schedule to fly in Saturday
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>will continue, hopefully to thrive and provide a base for New England hams
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>the SMiTe and Pixies -- some done full dead-bug style.   Dave Benson stopped
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>crystal filter in the prototype is supposed to be a real winner. The
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>restaurant is just around the corner from his home, and his suggestion was a
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>

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>of course. And Zack Lau invited us into the lab to see some of the works in
>progress and old prototypes of famous rigs. His 3 Band QRP rig was on
>display, and Chuck found the original Tuna Tin transmitter with which he posed
>for a picture.
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>I have uploaded a baker's dozen pictures of the meeting to Chuck, who promises
>to have them on his web page. To my mind, the best part of our group is the
>people, and getting to see them, even just once in long while, is great.
>
>72,
>
>Preston Douglas WJ2V
>
>
Seab Lyon, AA1MY, Bethel, CT, USA
FN-31-HJ; ARRL; QCWA; ACRI#9253;
QRP-L#574; NEQRP#511; Pres., C.A.R.A.:
http://www.danbury.org/org/cara/

Date: Sun, 15 Mar 1998 21:21:55 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [6093] Beverage Antenna
Message-ID: <01bd5082$4a368720$6f5445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

 Does anyone have a good Web page for Beverage
Antennas?

 Thanks!

73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1   QRP # 5318   10-10 # 13173

QRP-L # 1099   G-QRP # 3031   AK QRP # 309
Adventure Radio Society #380

Date: Sun, 15 Mar 1998 21:44:21 -0500 (EST)
From: kd4zkw <kd4zkw@amsat.org>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [6094] Finished the kit...
Message-ID: <Pine.LNX.3.95.980315205056.21947C-100000@dania.dialisdn.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I finished building the milliwatter, but no luck with qso yet.
It's up on the air, but it's crowded, and noone has come back to
me yet. OK, 72/73 de kd4zkw.

 ____
| Curtis D. Levin kd4zkw | kd4zkw@amsat.org | QRP-L #1488 |
| http://www.diaisdn.net/user/cdlevin |
 ~~~~~~

Date: Mon, 16 Mar 1998 02:32:59
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@Lehigh.EDU>
Subject: [6095] QRPQ index online
Message-ID: <199803160234.UAA05492@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Does anyone know of one??? Looked at the ARCI home page,
but only a few issues worth there....
Looking for an index of all the issues....

Larry   KA5T

Georgetown, Texas
 ~~~~~~

lewise@inetport.com

Date: Sun, 15 Mar 1998 21:34:10 -0500
From: "Jim Francoeur KC1FB" <jim_kc1fb@pipeline.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [6096] Sorry I missed the meeting
Message-ID: <199803160237.VAA27351@camel14.mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Sorry I didn't get to meet the NE qrp group this Sunday.

Thought I'd make this one...it was close to home, and my wife was supposed to have go to New Jersey. That was called off at the last minute, and since we both have hectic work schedules, I decided to spend the day with her. On Saturday, I even spent four hours moding and tuning my 40-9er and putting it into an Altoid can for the show-and-tell. Got it to cover about 6KHz, and it sounds really good. Oh well, maybe next time...I was still there in spirit.

Also, sorry to miss Chuck....the fox hunter's guru. I'm one of the New England challenged hunters, but doing the best I can.

Jim Francoeur KC1FB/qrp(mostly qrpp) QRP-L #29, NE-QRP#150

Date: Mon, 16 Mar 1998 02:34:27 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [6097] Static buildup
Message-ID: <3.0.16.19980316023343.08970a5e@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ok Spring is about here, and this year I'm going to put an end to all this infernal snapping and popping in the shack everytime the weather turns nasty within 50 miles of my verticals.

A few days (weeks?) back, someone mentioned placing a high value resistor across the feedpoint of an antenna. My question

is... what value, 50k? 100k? 1m? 1/4, 1/2 1 watt? Hmm?

My guess is that it's not that critical, as long as it can bleed the
charge to ground. Just thought I'd ask.

...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - http://www.qsl.net/ka8okh

Date: Sun, 15 Mar 1998 21:30:12 -0800
From: Maurice Rice <rice4@greenville.infi.net>
To: qrp-l@Lehigh.EDU
Subject: [6098] Another OHR-100 lives ...
Message-ID: <350CB8E4.45D5@greenville.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi fellow QRP-Lers ...
After many months of unproductive time, finally got around to doing the
final tune-up -- then realized that the 9v regulator into the VFO had
suffered from improper handling during installation. Struck out at radio
shack, but a local electronics parts had a couple that were kinda dusty.
     Installed the new regulator and re-tuned during the big contest last
weekend and had zero luck on 40m cw, kinda discouraging.
     Today worked K9OT in the WI contest on the first call. Thanks Paul!
Have got the bug big time now ...

72 all ...

Maurice Rice KA4NIV
Simpsonville, SC
ARP-L:1158 ARS:179

Date: Mon, 16 Mar 1998 03:20:25 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: wb3aal@talon.net, qrp-l@Lehigh.EDU
Subject: [6099] Re: Beverage Antenna

Message-ID: <199803160324.WAA27816@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Ron -

If you go to www.contesting.com, there is an excellent email in one of the contesting archives by W3LPL on beverages - how long, how high, how to match, etc. I don't recall where it was - you might do a search on W3LPL and beverages on alta-vista....

I built a couple using the info from his notes - and I can coonfirm they work....

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
http://www.bright.net/~kanga/
419-423-4604

Date: Sun, 15 Mar 1998 22:50:35 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: wb3aal@talon.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [6100] Re: Beverage Antenna
Message-ID: <3.0.1.32.19980315225035.00e116e0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:21 PM 3/15/98 -0500, Ron Polityka wrote:
>Hello,
>
> Does anyone have a good Web page for Beverage
>Antennas?
>
> Thanks!
>
>73, Good DXing & QRPing
>Ron de WB3AAL
>

The "ON4UN's Low Band DX'ing" or W1WCR's "The Beverage Handbook" (either volume) are basically required reading. Then take a look at:

http://www.yccc.org/Butt/KB1GW_Beverage.html
http://www.berkshire.net/~robbins/technote/techref.html
     some good stuff
http://pw2.netcom.com/~ac6v/pageant.html
     good, but burried
http://www.cybercomm.net/~slapshot/beverage.html
     it's ok.......
http://www.moonstar.com/~wa4pgm/w3lpl.htm
     if it's W3LPL - it's good!
http://www.ultranet.com/~oakridge/Beverage_info/RCT_Beverage/RCT_Bev
erage.html
     lotta theory and commercials
http://www.qth.com/zj/
     very good reference site (I've got one of his boxes - pricey,
but real good.)

All of them are pretty good but probably the last site (zj) and the
one with W3LPL are the best.

73   Hank   K8DD

*/   Hank Kohl K8DD   k8dd@contesting.com
*/   ARRL TS   (k8dd@tir.com)
*/   G-QRP   ARRL/LM   QCWA/LM   QCAO/LM
*/   QRP-ARCI - Director   MI-QRP - Vice Pres.
*/   http://www.QRPARCI.org
*/   http://www.geocities.com/capecanaveral/2844/miqrp.htm

Date: Sun, 15 Mar 1998 22:50:55 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, Ten-Tec Reflector <owner-
tentec@contesting.com>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [6101] WTB:External VFO for Corsair I
Message-ID: <199803152252_MC2-36CF-23F0@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Need external VFO for Corsair I. If you have one to sell...please let me

know right away. Thanks in advance.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Sun, 15 Mar 1998 22:50:58 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [6102] Value of Johnson Matchbox Tuner?
Message-ID: <199803152252_MC2-36CF-23F1@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

I have FS an excellent Johnson Matchbox tuner complete with the redirector and manual. This is the 275 watt model. What is the value of this unit?

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Sun, 15 Mar 1998 22:50:52 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, Ten-Tec Reflector <owner-tentec@contesting.com>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [6103] WTB:TenTec #282 CW Filter
Message-ID: <199803152252_MC2-36CF-23EF@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Need a TenTec #282 CW filtre. Thi is the narrow 250hz unit. Will pay top dollar for one. Can anyone help? Thanks in advance.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Sun, 15 Mar 1998 23:24:28 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [6104] FS:Whiterook MK-88 Keyer
Message-ID: <199803152327_MC2-36D8-86A7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Have FS a Whiterook MK-88 portable electronic keyer. Have two, so this one needs to find a good home. Works FB and includes the documentation. This is an excellent choice for backpack/portable/mobile use...such as QRPTTF and other approaching contests. I use one with the Sierra.

Unit is *tiny* but rugged, and is completely self-contained with internal batteries. Weighs literally a couple of ounces. Speed infinitely adjustable from 5-40 wpm with external control. Attach a cable, and you are all set.

Price only $45.00 including shipping in CONUS.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC

519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Sun, 15 Mar 1998 23:45:12 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: wa8mcq@abs.net, qrp-l@Lehigh.EDU
Subject: [6105] Re: Idea Exchange disclaimer
Message-ID: <199803160445.XAA12204@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike,

Is this the same club that went QRT a while back??
If so, would you care to share the www.???
I had just renewed. Maybe they will honer us paid
members with a new subscription.

72, Scott w3cv

At 06:36 PM 3/15/98 -0800, you wrote:
>I was surfing around the QRP sites today and noticed that the New
>England QRP Club website has an index category called "Idea Exchange".
>(There is apparently nothing under that area yet, since it cannot be
>clicked on.) I sent e-mail to someone up there about this when I first
>noticed it several weeks ago, but never received a response. Since the
>heading still remains on the web page, I must make a public disclaimer:
>
>>

Date: Mon, 16 Mar 1998 00:03:18 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: ke3nv@erols.com, qrp-l@Lehigh.EDU
Subject: [6106] Re: Idea Exchange disclaimer
Message-ID: <199803160503.AAA00462@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK, I found it, thanks. Wish I would have been informed.

Scott w3cv ex-ke3nv

At 11:45 PM 3/15/98 -0500, you wrote:
> Mike,
>
>Is this the same club that went QRT a while back??
> If so, would you care to share the www.???
> I had just renewed. Maybe they will honer us paid
>members with a new subscription.
>
> 72, Scott w3cv
>
>At 06:36 PM 3/15/98 -0800, you wrote:
>>I was surfing around the QRP sites today and noticed that the New
>>England QRP Club website has an index category called "Idea Exchange".
>>(There is apparently nothing under that area yet, since it cannot be
>>clicked on.) I sent e-mail to someone up there about this when I first
>>noticed it several weeks ago, but never received a response. Since the
>>heading still remains on the web page, I must make a public disclaimer:
>>
>>>
>
>
>
>

Date: Mon, 16 Mar 1998 00:02:34 -0500
From: "Ken Hanks" <kennfd@ibm.net>
To: <ke3nv@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [6107] Re: Idea Exchange disclaimer
Message-ID: <01bd5098$bbdb3b80$9dd148a6@kh>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Scott:

Try: http://www3.edgenet.net/eei/neqrp/index.htm for NE QRP club. Looks
like they are only going to be publishing on-line.

73,

Ken K1XS@ibm.net

Date: Sun, 15 Mar 1998 21:58:04 -0800
From: jcs4us@cosmoaccess.net
To: qrp-l@Lehigh.EDU
Subject: [6108] FS Kenwood TS-120V QRP
Message-ID: <3.0.5.32.19980315215804.00798680@cosmoaccess.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

FOR SALE: KENWOOD TS-120V.. CAN SEE PHOTOS OF IT AT THIS URL:
    http://www.geocities.com/yosemite/rapids/7583/ts120v.JPG   Front
    http://www.geocities.com/yosemite/rapids/7583/ts120v2.JPG Top
    http://www.geocities.com/yosemite/rapids/7583/ts120v3.JPG Rear

This is a digital and analog radio the little brother to the TS-120S...
It needs original screws purchased for it. The trim ring was painted by the
previous owner. on a scale of 1 to 10 it is a 6 or maybe a low 7...The face is
a 8.5. If you bought and installed original screws and repainted the trim ring
to original and replaced the VFO knob you could fairly easily make it a 9 ...
Asking $325.00 or best offer...Alan

Date: Mon, 16 Mar 1998 00:58:56 -0500
From: "Jim Barrett" <jbarrett@stny.lrun.com>
To: <qrp-l@Lehigh.EDU>
Subject: [6109] Hooked
Message-ID: <002501bd50a0$9c098160$4e80d2cc@default.stny.lrun.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings one and all...

I'm a newly-licensed ham. I'm new to the amateur ranks, though not new to
radio communications; having worked for many years as a broadcast engineer
and field service technician in the land mobile communications industry.
I've always been fascinated by the concept of QRP operation. I know from
personal experience that low power works well on VHF and UHF frequencies -

but have never had the chance to put it to the test on HF until today.

I recently purchased a used FT-101B from a ham co-worker. Though old, the rig is still fully functional. I've enjoyed several nighttime CW QSO's on 80 meters this past week since receiving my ticket. All were conducted at 80 to 100 watts output.

Today, (Sunday) afforded the first opportunity to try some daytime contacts on the upper bands. I noted that 15 meters was open around noon local time, so I loaded up the rig in preparation for calling CQ. Unfortunately, my efforts were interrupted by my XYL who informed me that I was causing both video and audio interference on our TV. I had been half afraid of this. I live in a second-floor apartment, and am using an "invisible" antenna, consisting of a 50-foot end-fed length of #24 gauge wire, running from my window sill to a nearby tree. My transmatch has no problem loading the wire, but I was pretty sure that the 15-foot-long ground cable running down the side of the building to an 8 foot ground rod would be seriously reactive at 21 MHz - and so it was...

So, I decided to back down my power to just 3 watts. That cleared up the TVI completely. I really didn't know if I'd have any luck making a contact at that power level, but sent a CQ anyway. To my surprise and delight, I got an immediate response from Vern, KC7QGE in Ajo, AZ.... 1900 miles from my Upstate NY QTH. We carried on a nice QSO for about 15 minutes despite some occasional fading.

Next, I dropped down to 40 meters and backed off the power to just 1 watt. I answered a call from a ham in New Hampshire, (about 250 miles) and received a 589 report - "solid copy".

Though I'm sure this sort of thing is par-for-the-course, and accepted as a simple "fact of life" by you veteran QRPers, I'm still in a bit of shock to know that reliable long-distance communication at low power really DOES work! I've read numerous articles on QRP projects and operating, but actually *doing* it (easily) has been a real eye-opener.

This is neat stuff. I'm planning to order a Sierra kit in the next couple of weeks... I don't think I'm going to have to worry about causing any TVI problems around my apartment building in the future. I'm really going to enjoy being part of the cadre of hams who "do more with less".

73's

Jim Barrett - KC2DCC

--
/* Remove "remove" from my email address for replies */

--

Date: Mon, 16 Mar 1998 00:02:27 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org
Subject: [6110] Re: GQRP - GEOMAGNETIC STORM 3-11
Message-ID: <Pine.SOL.3.91.980316000018.10474A@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
Here's excerpts from todays solar activity report with some lengthy, hopefully informative comments. I do so for those interested because frankly, solar activity over the past couple of days is pointing towards a very possible major solar event ... and TWO M-class flares today in itself can be considered significant.

(Portions omitted)

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 074 ISSUED AT 2200Z ON 15 MAR 1998

IA. SOLAR ACTIVITY BECAME MODERATE. REGION 8179 (S22W04)
PRODUCED AN M1/1F AT 15/1616Z. AN M1/1B FLARE ERUPTED AT 15/1911Z.

* M-class flares are getting to be "biggies," almost always capable of producing radio bursts (at the time of the disturbance) and severe geomagnetic storming 2-3 days later.

MINOR RADIO BURSTS ACCOMPANIED THIS FLARE INCLUDING AN 860 F.U.
BURST ON 410 MHZ. FREQUENT C-CLASS SUBFLARES ALSO OCCURRED
THROUGHOUT THE PERIOD. X-RAY BASELINE HAS BEEN ON A STEADY INCREASE,
EXCEEDING C-CLASS SINCE 15/1430Z.

* This all means that characteristic signs of a potentially *very* active region is developing that could cause some serious solar disturbances over the next week or so. The good news is it will elevate the solar flux we love so much even above the current 133,

about the highest it's been in years. The bad news, of course, is
these disturbances can cause many days of geomagnetic disturbances.

REGION 8179 CONTINUED ITS IMPRESSIVE DEVELOPMENT AND IS NOW A 45 SPOT,
E-TYPE GROUP WITH 670 MILLIONTHS OF AREA COVERAGE.

* Solar astronomers measure the size of sun spot regions by the square
area of the solar surface they obstruct. In this case, 670 millionths
of the solar surface ... which is actually quite sizeable.

OBSERVATORIES REPORTED MAJOR GROWTH IN PENUMBRA ON LEADER AND TRAILER SPOTS.

* Penumbra are very small lines, or filaments, running outward from a sun
spot. They are often indicative that a strong magnetic field surrounds
the spot and that a "dipolar" field is present. This means that field
lines are leaving one sun spot and entering another. Sort of like a small
horse shoe magnet above the solar surface, where a sun spot would be under
each pole of the magnet. This is important because as these magnetic
fields get complex (a bunch of them interconnecting spots) and grow in
size, this can often lead to a major solar disurbance. So these areas are
watched carefully as a precursor to a major coronal mass ejection (CME).
A large CME, of course, can produce huge geomagnetic disturbances,
including blackouts.

Leader spots is where the magnetic lines leave the sun, and trailer spots
are where the magnetic field lines enter the solar surface.

REPORTS INDICATE MAGNETIC GRADIENTS ARE
STILL FAIRLY WEAK EXCEPT FOR THE IMMEDIATE VICINITY OF THE DELTA.

* If you follow these solar reports, this is the information to keep your
eye on. If the overall "magnetic gradients" start to grow, then a major
solar event gets more likely.

IB. SOLAR ACTIVITY FORECAST:
REGION 8179 IS LARGE AND COMPLEX AND IS STILL DEVELOPING. CONTINUED M-CLASS
ACTIVITY IS LIKELY ...

* Remember, M-class are the biggies, and almost always will trash HF
with geomagnetic storming (from the particle radiation).

AND IF MAGNETIC GRADIENTS STRENGTHEN, X-CLASS ACTIVITY IS POSSIBLE.

* An X-class flare is the REAL biggie flare ... generally, only a handful
of X-class flares occure in a solar cycle. In addition to causing major
geomagnetic storming, including long periods of HF blackouts, X-class
flares can also produce spectacular auroral activity well into the
middle latitudes. There is not yet enough "signs" to point towards an

X-class flare, but if this region grows rapidly over the next few days, the potential gets very high.

If an X-class flare occurs, I will post it immediately as soon as it comes over our intra-observatory alert system.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z:
THE FIELD HAS BEEN MOSTLY QUIET TO UNSETTLED SINCE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED.

*By tomorrow, it will be determined if the particle radiation released from todays M-class flares will strike the earth, and if so, geomagnetic storming will be forecasted.

FOR THE QRPer ... this is the IDEAL time to operate DX. Solar flux is *very* high and any resulting geomagnetic storming is a day or two away.

III. EVENT PROBABILITIES 16 MAR-18 MAR
CLASS M 50/50/45 <---- a 50%, 50% and 40% over the next 3 days
CLASS X 15/15/10 <---- a 15% chance of an X-flare!
PCAF GREEN <---- Polar Cap Absorption is green or OK. But
this could change quickly!

IV. PENTICTON 10.7 CM FLUX
OBSERVED 15 MAR 133
PREDICTED 16 MAR-18 MAR 126/124/122

V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 14 MAR 008/010 <--- 10 or higher is active to minor
ESTIMATED AFR/AP 15 MAR 019/019 storming
PREDICTED AFR/AP 16 MAR-18 MAR 010/012-010/008-008/008

If the particle radiation from today's M-class flare hits the earth, or a sudden increase in the solar wind, the predicted A-Index of geomagnetic storming will be modified to much high numbers tomorrow.

72, Paul NA5N

National Radio Astronomy Observatory
Socorro, New Mexico

Where astronomy is looking up.

Date: Mon, 16 Mar 1998 00:07:14 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org
Subject: [6111] Re: GEOMAGNETIC STORM 3-11
Message-ID: <Pine.SOL.3.91.980316000353.10474B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My apologies. The Subject should be "GEOMAGNETIC STORM 3-17 ?"
on the just-posted solar storm info.

Ooops.

Date: Sun, 15 Mar 1998 23:30:40 -0800
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: QRP <qrp-l@Lehigh.EDU>
Subject: [6112] Elmer 101: Ham Radio Reference Book...Where Can I Get It?
Message-ID: <350CD520.B4AD0427@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

    I am trying to build up my reference material for the Elmer Project and I noticed in the prerequisites or Elmer Project FAQ page that it was mentioned that it would be nice to have the following reference book: "Solid State Design For The Radio Amateur." I went to the ARRL web site and I can't find it anywhere. Does anyone know where I can obtain it? Amazon Books maybe? Thanks!

    Also, thank you all for all the great compliments towards me in regard to passing my recent No Code Tech exam. At the moment, I am trying to gear up for the Elmer Project. In a couple of weeks I hope to get my hands on the General Class License hand book. I wonder if there is anyone local to Spokane that I could borrow from. As soon as I get my call sign I will have to get on my hand-held and snoop around.

    Tonight I found out that my 386 downstairs in my shack doesn't have a soundcard. My cousin built the machine for a trade of two 286s for me.

I tried to load Super Morse, but no sound. I got took! I guess I will have to fight the kids and wife over the Pentium (133 MHz) machine upstairs. I got to get my practice in some how...right? Oh! I heard that the General exam will be changing by July, so I best get that General book and start boning down with some serious studying!

    Have a nice week. Tomorrow's another work day.
--
Chuck Snyder (No_Call_Sign_Yet) <== will be here soon!
http://www.nextdim.com/users/csnyder/index.htm <== updated with new photos from work :-)
QRP-L #1462
Spokane, WA

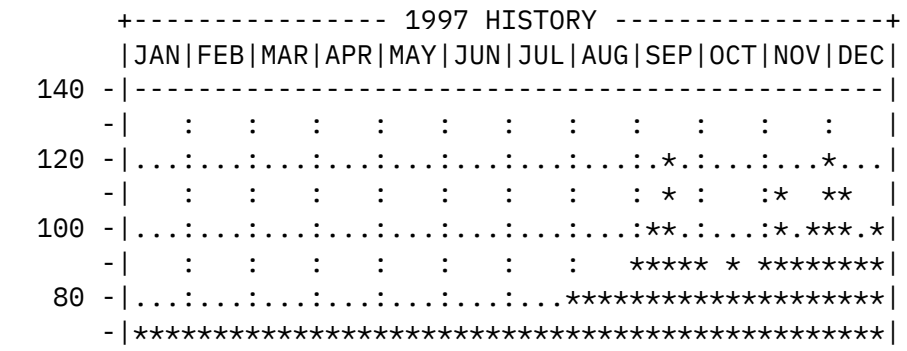
Date: Mon, 16 Mar 1998 00:38:00 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [6113] SOLAR SUMMARY 3-16
Message-ID: <Pine.SOL.3.91.980316003649.11241A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

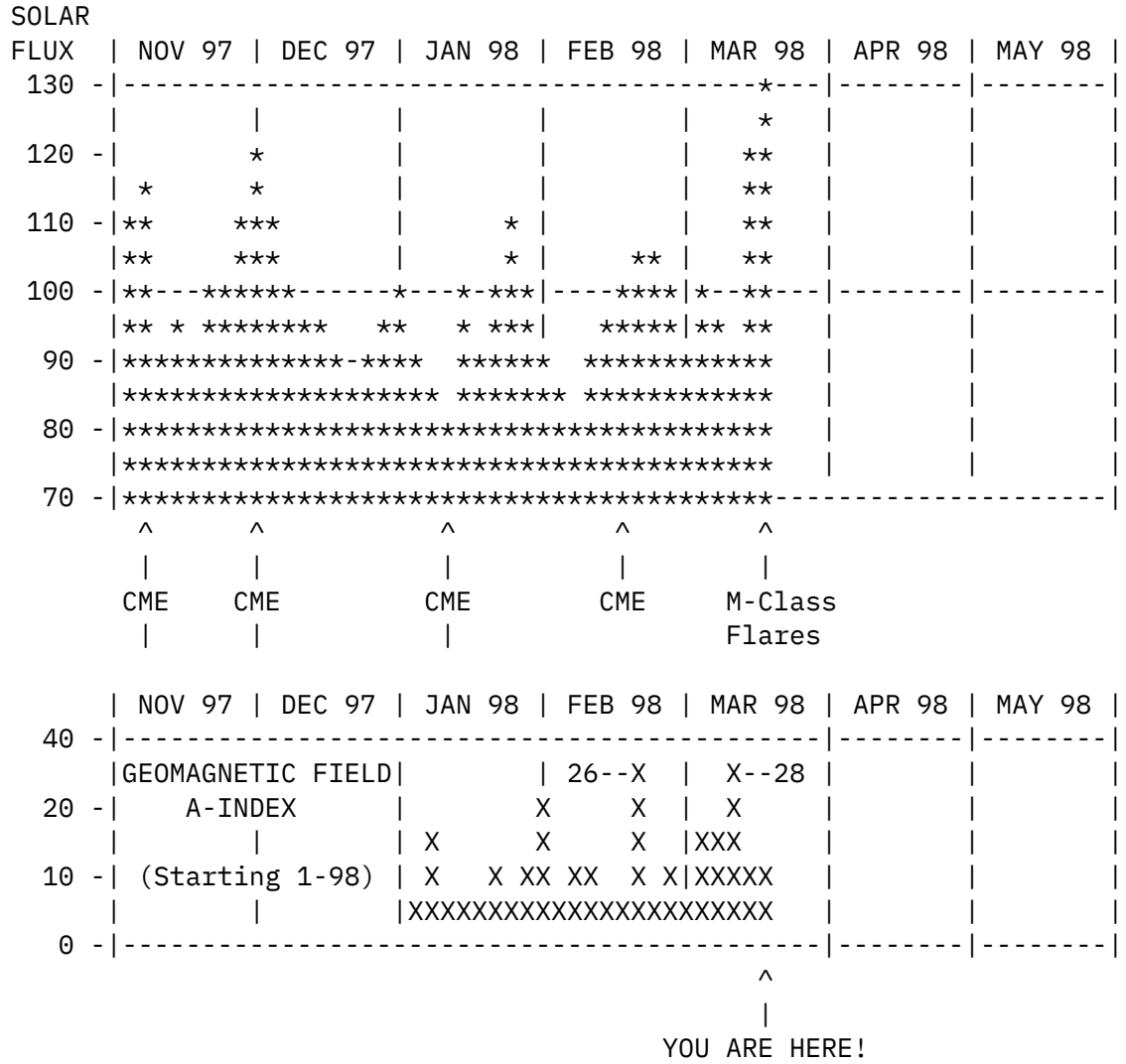
SOLAR ACTIVITY QUICK-LOOK ***   Updated: 16 MAR 1998
==
------ SOLAR ACTIVITY -------   ----- GEOMAGNETIC FIELD ACTIVITY ----
   10cm flux average: 133   A-Index: 10
    3-5 day forecast: 110   3-5 day forecast: ???

Geomagnetic field forecast is uncertain due to todays two M-class flares which may cause major storming in a couple of days.

TWO M-CLASS FLARES occured on 16 March, producing radio bursting. These were fairly large, and if the trajectory of their particle radiation will strike the earth, it could produce major geomagnetic storming around 18 March. The flares themselves elevated the solar flux for currently good HF propagation.

>>> QRPers ... WORK DX NOW while the solar flux is high and before possible severe geomagnetic storming around 18 Mar.





72, Paul Harden, NA5N

National Radio Astronomy Observatory
VLA/VLBA Radio Telescopes

Socorro, NM, USA, Earth

Date: Mon, 16 Mar 1998 07:33:03 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: "Adam B. Kanis" <adam-kanis@uiowa.edu>
Cc: qrp-l@Lehigh.EDU
Subject: [6114] Re: RF probe voltage dependency
Message-ID: <EIplEHAvWND1Ewlo@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <3.0.3.32.19980315155519.006e9910@molsun.ophth.uiowa.edu>,
"Adam B. Kanis" <adam-kanis@uiowa.edu> writes
>hi
>
>i finally got around to building an RF probe, and have some questions about
>some observations i made. i used the circuit described on the list by Leon
>Heller, G1HSM, with the exception of using 4.0 MegOhm (had better accuracy
>with my DMM than 4.7 i tried first):
>
>here are the observed voltage reading from the DMM and the calculated RMS
>value derived from the peak-peak voltage seen on scope, as well as the
>error: (DMM-Scope)/(scope) * 100%
>
>DMM:RFProbe   Scope   Error
>
>19.7 mv ---> 45 mv   -56%
>73.9 mv ---> 113 mv   -34%
>222 mv ---> 276 mv   -20%
>445 mv ---> 513 mv   -13%
>852 mv ---> 928 mv   - 8%
>1.89 v ---> 2.01 v   - 6%
>2.48 v ---> 2.51 v   - 1%
>4.67 v ---> 4.88 v   - 4%
>5.90 v ---> 6.27 v   - 6%
>
>i checked the scope measurements on both 1x and 10x probe settings and
>found no change, so loading doesn't seem to be a problem. i found no
>evidence of ac on the output.
>
>the variation of the error with the voltage makes me think the problem is
>at the diode. my other thought is that there is some kind of voltage
>dependent leakage in one of the capacitors. i'd be real happy with a 10%
>accuracy, but the large errors down at the lower end seem unacceptible to
>me. any ideas?

You can't expect much better than 10% accuracy with this type of
circuit, and it only works properly when the input voltage is higher
than the diode turn-on voltage - about 0.25 V.

73, Leon
--
Leon Heller: leon@lfheller.demon.co.uk http://www.lfheller.demon.co.uk
Amateur Radio Callsign G1HSM   Tel: +44 (0) 118 947 1424
See http://www.lfheller.demon.co.uk/dds.htm for details of my AD9850
DDS system. See " "/diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Mon, 16 Mar 1998 07:10:14 EST
From: N9DD <N9DD@aol.com>
To: wb3aal@talon.net
Cc: qrp-l@Lehigh.EDU
Subject: [6115] Re: Beverage Antenna
Message-ID: <5abb1489.350d16a8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-03-15 21:23:23 EST, you write:

<< Does anyone have a good Web page for Beverage
 Antennas? >>

Hi Ron

Though not a web page, a great source for info on Beverage antennas is the
ARRL book "Antennas and Techniques for Low-Band DXing" by John Devolere,
ON4UN.

Chapter 7 of the book is almost entirely on Beverage antennas, preamps, etc.
I see the book at hamfests all the time along with other ARRL publications.
Check it out!

73,

Tom N9DD
South Bend, IN
n9dd@aol.com

Date: Mon, 16 Mar 1998 08:26:21 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu
Subject: [6116] Live by tailending, die by tailending, ARRRRGGGHHHHHH!
Message-ID: <Pine.LNX.3.95.980316081214.21131C-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sometimes...

On 30m on the way into work, I hear ZL2UW calling. He's looking up and down the band for an apparently clear freq., and he finds one at 10.108. He's calling CQ, doing a nice, slow 22 wpm, nice cadence, and I figure I'll call. He's not rushing through these Qs.

As he throws it over to the other station for the last one, I toss in a single "NF3I/QRP".

After about 10 minutes of working other people, he came back with "F3 F3 only PSE"

After repeating my call three times, he got it right. He even knew I was QRP! I gave him my report, name, and state, and he wanted the state again, so it gave it five times, and he got it.

Then he said "73 es TU."

To which I replied "MY RST RST RST???"

"My REPORT RST RST RST RST de NF3I KN"

But I had been covered up, and he, unaware of his omission, was working someone else. For nearly 10 minutes, I tried to get through again. I even sent "NF3I NO RST PSE HELP" to anyone who'd listen because, quite obviously, the ZL could no longer hear me, so it wasn't like I was QRMing anyone...

After 10 more minutes sitting in the parking lot, banging away and trying to get through again, I gave up and locked up the station.

That was one of the best "near QSOs" I've had in a while. ARRRGGGGGH!

BOY, am I ticked off.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* http://w3eax.umd.edu/~ham * ARRL Life Member /Laurel ARC/UMARA *

*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Mon, 16 Mar 1998 08:34:30 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [6117] Have you sent in for your banquet tix yet?
Message-ID: <Pine.LNX.3.95.980316083039.21131D-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Coming to Dayton?

Those banquet tickets are selling, and a bunch of people I'd have expected to hear from haven't requested tix yet...yes, still about 1/2 of the tickets remain, but with an average of 2-3 going per day...hey, we'll about sell out by Hamvention time!

So far, there are names on 110 of the tickets. I printed up about 250 of them, so we've got a way to go.

At any rate, expect it to be fun and quite filling (buffet).

$22 per ticket, made out to QRP ARCI, sent to

Scott Rosenfeld NF3I
4015 Sparrow House Lane
Burtonsville, MD 20866-1333

and an SASE is NOT required if you want me to hold your tickets at the door. I can confirm via e-mail or phone in this case. I would like to know, if you're buying multiple tix, who they're for (if you know) along with callsigns and nicknames, if any.

72

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* http://w3eax.umd.edu/~ham * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Mon, 16 Mar 1998 07:48:41 -0500
From: "Jim Barrett" <jbarrett@stny.lrun.com>
To: "Harvey D. D. Hetland" <n6mm@earthlink.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [6118] Re: Hooked
Message-ID: <001b01bd50d9$d9a16400$4e80d2cc@default.stny.lrun.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Harvey D. D. Hetland <n6mm@earthlink.net>
To: jbarrett@stny.lrun.com <jbarrett@stny.lrun.com>
Date: Monday, March 16, 1998 1:48 AM
Subject: Re: Hooked

>I enjoyed reading your post on your adventure into QRP. I worked as a
>broadcast technician and chief engineer/operator mostly in AM and FM for
>30 years, before deciding that it was enough to have one job. It paid
>my way through college! I got out of broadcasting about five years ago,
>and I am enjoying my position as an instructor at a community college
>where I have been teaching for the past twenty three years.
>

Yes, being a broadcast engineer does have a couple of advantages re: QRP operations. Once I complete the Sierra, I plan to take it to our AM transmitter site some Monday morning when I can shut down the transmitter for a few hours for weekly maintenance.

The AM transmitter feeds a 425-foot vertical tower, with a ground plane consisting of 300 radials in moist soil adjacent to a river. Might get some interesting results loading it up on 160 and 80!

Jim Barrett - KC2DCC

Date: Mon, 16 Mar 1998 08:30:04 -0500
From: "Jim Barrett" <jbarrett@stny.lrun.com>
To: "Bruce Muscolino" <w6toy@pop.erols.com>

Cc: <qrp-l@Lehigh.EDU>
Subject: [6119] Re: Hooked
Message-ID: <000c01bd50df$a215aae0$4e80d2cc@default.stny.lrun.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Bruce Muscolino <w6toy@pop.erols.com>
To: jbarrett@stny.lrun.com <jbarrett@stny.lrun.com>
Date: Monday, March 16, 1998 7:21 AM
Subject: Re: Hooked

>>
>>I've always been fascinated by the concept of QRP operation. I know from
>>personal experience that low power works well on VHF and UHF frequencies -
>>
>There's almost no relationship between why low power works at UHF/VHF and
>why it works on the HF bands. Most UHF/VHF contacts are made through
>repeaters -- a QRO transceiver with a very sensitive receiver! Point to
>point QRP on the UHF/VHF bands is more difficult than HF operation.
>>

I know... I was thinking more along the lines of making up for the low power output of the transmitter with high gain / high directivity antennas - easy to do at UHF since the antennas themselves are small enough to be physically practical. When I worked for Motorola, we installed one system using a 2-watt remote base transmitter operating around 453 MHz feeding a custom-built corner reflector antenna. ERP was almost 75 watts, directed via line-of-sight to the top of a 2400 foot mountain about 23 miles distant. (The customer in this instance didn't want to shell out $4000 dollars for a higher-power control transmitter, since the 2 watt unit was only $700). He was pleased that we were able to implement a solution with antenna gain.

>>live in a second-floor apartment, and am using an "invisible" antenna,
>>consisting of a 50-foot end-fed length of #24 gauge wire, running from my
>>window sill to a nearby tree.
>>
>Go get yourself a copy of the ARRLs Best of New Ham Companion and read
about
>my experiences using a similar antenna for years. Then go to the local
>radio store and buy yourself an MFJ Articficial Ground or order the Ten Tec
>kit for a Ground Tuner. Run a counterpoise (a single wire) about 30 to 40
>feet long under the rug -- doesn't have to be in a straight line -- and

>you'll probably be able to load it on 80. A piece of wire running down the
>side of the building and connected to a ground rod is not a ground except
at
>DC. RF has different ideas. BTW, tape up the far end of the counterpoise
>as it's RF hot and could burn a kid or a pet.
>

Already ordered the MFJ Artifical Ground... I've read good reviews of it.

Even with the existing setup, the system loads well on 80 meters with little RF in the shack. The transmatch is located immediately adjacent to the window whence the wire antenna is connected. The ground connection isn't a wire - it consists of 1-inch wide copper braid. I was even thinking of replacing it with 2.5-inch copper ground strap... we have a quantity of that available at the radio station.

I also put up three dipoles in the attic yesterday cut for 20, 15 and 10 meters... I plan to use those as my primary antennas for the higher frequencies. (Though not with high power... these are my "QRP Specials"). Each has a 1:1 current balun at the feed point to cut down on radiation from the feedline. The attic area is quite large, so I was able to mount them in such a way as to minimize interaction and coupling between them. I'm fortunate in that there is no electrical wiring up there to pickup and or re-radiate RF. Still don't want to run too much power into them, as I fear rectified RF problems in stereo or TV systems in adjacent apartments. Would rather keep a low profile with the neighbors!

Thanks for the tip re: your QST article... our local library has 10 years of back issues of QST, I'll take a look at it that issue this afternoon.

Jim Barrett - KC2DCC

Date: Mon, 16 Mar 1998 08:53:50 -0500
From: Michael Maiorana <mikemo@ibm.net>
To: csnyder@nextdim.com
Cc: qrp-l@Lehigh.EDU
Subject: [6120] Elmer101: Solid state design
Message-ID: <350D2EEE.62B4@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Arrl carries this book. Part number is #0402- Price is -$15. Call ARRL

At 1-888-277-5289
It is a great book...
--
72 de kf4trd
Mike Maiorana
Palm Harbor, FL

"I'm ahead, I'm advanced, I'm the first mammal to wear pants. It's evolution baby!"

Date: Mon, 16 Mar 1998 09:57:53 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [6121] Discussion - what validates a QSO?
Message-ID: <Pine.LNX.3.95.980316093455.21563G-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

At the risk of starting a firestorm here, "JUST WHAT MAKES A QSO?"

An exchange of callsigns, other information, etc.?

A signal report?

During Sweepstakes, it's NR 324 Q NF3I 84 MDC
During Field Day, it's 2A MDC
During VHF contests, it's FM19

Soooo, does this ZL-guy I quasi-worked go into my log? He got my name, signal report, and state, but I got only his callsign (as he didn't give me a signal report) although he confirmed receipt of my info and I'm sure of his call. I know we made "contact" but when does it become official?

At the very worst, it could be confirmable in one direction :^)

I guess I'll send him a card and see what flies.

ObQRP:

With all of the DK3 antennas going to y'all, I have a problem...lack of originality...although, for certain, no two setups will be the same.

I also worry about now having to COMPETE with all of you for QRP/DX/M!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* http://w3eax.umd.edu/~ham * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Mon, 16 Mar 1998 08:06:51 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [6122] Keyer for NW20
Message-ID: <3.0.1.32.19980316080651.0069322c@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-Lers

The keyer and key that I presently use for portable/transportable operation are as big as the NW20. The keyer is an MFJ-401B with a Bencher key (noniambic).

What are the recommend equivalents of choice? The keyer circuit would want to fit inside the NW20 case and have adjustments for weighting and speed (Curtis 8044?).

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Mon, 16 Mar 1998 10:18:28 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [6123] Re: Discussion - what validates a QSO?
Message-ID: <Pine.LNX.3.93.980316101138.506H-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Mar 1998, Scott Rosenfeld [NF3I] wrote:

> I also worry about now having to COMPETE with all of you for QRP/DX/M!

Well now that you bring this up, is anyone out there trying get a 2xQRP/WAS/M? Looks like things will be improving if you are:) And I think we can thank/blame NF3I for the DK3 "event". He is still King of

the Group Buy, and his screwdriver (and all those DX reports from his car)
got me interested in getting one. From there it mushroomed into 47 DK3's
so far. Thanks Scott, QRPL gang...   I think :) 72 all

-- Chris Cartwright,   Technical Engineer | ccart@vidtel.com   --
-- N3XRV   ARRL-VE   QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

---

Date: Mon, 16 Mar 1998 07:26:34 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [6124] Autotuner question
Message-ID: <350CD42A.2ECA0A36@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

I've found that my new Icom IC-706 Mk II will crank down to about 3
watts (or so the WM-2 says), and it works well with my just-completed
LDG QRP Autotuner.

Is anyone on the List using this tuner in a mobile setup? Any problems?
Given that a mobile antenna presents some wierd impedances, was a balun
required?

I plan on using the rig/tuner while traveling this summer, so need to
get started setting it up.

Pse reply direct, unless you think the List would benefit.
--
72/73, de Roger, N7KT

Date: Mon, 16 Mar 1998 07:32:21 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [6125] Re: Live by tailending, die by tailending, ARRRRGGGHHHHHH!
Message-ID: <199803161432.HAA06586@usr05.primenet.com>

Howdy,

Scott (NF3I) wrote:
>
> On 30m on the way into work, I hear ZL2UW calling.
> ...
> Then he said "73 es TU." To which I replied "MY RST RST RST???"
> ...
> That was one of the best "near QSOs" I've had in a while. ARRRGGGGGH!

I think we'd all feel comfy giving you a "Mulligan" and
letting you scribble in "449".... ;-) Seriously, why
not send him a QSL? You clearly sent enough info each
way and had it copied. If Field Day QSOs count (just
call and state, right?) why shouldn't your ZL?

FWIW, ZL2UW gave me a 549 after digging for me (I just
loving hearing DX send "TT?", almost as good as hearing
it from a Fox :-)). I'm willing to share my RST with
you. ;-)

30m was in good shape over the weekend. Woke up,
couldn't get back to sleep, and managed to work a few
JA's (they seem to like hanging out between 10.120-
10.130), ZL2UW, R0DAT (Asiatic Russia) and even picked
up EM1HO (down in Antarctica, I'm told - WAHOO!). One
JA was a YL, the other needed AZ for an award, so was
happy to help out.

Earlier I chatted with KB2ZPE/AG (his first 30m QSO
ever!) then got tailended by KF4ANR/QRP down in GA.

Sunday had no luck with W1AW/QRP or any N/T+ stations. :-(
But heck, for three hours of hamming (and FYBO log
processing ;-)) I'd say it was a productive weekend.

Hope yours went well too!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Every man dies. Not every man really lives." -- Braveheart

Date: Mon, 16 Mar 1998 08:34:58 -0600

From: John Burnley <JBurnley@ifmc.org>
To: qrp-l@Lehigh.EDU
Subject: [6126] Iowa QRP Group forming
Message-ID: <s50ce44a.049@ifmc.org>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Anyone interested in forming an Iowa QRP group please EMAIL
me offline. I met two QRP'ers at a swapmeet back in early
February, and we've been talking about forming a local group.
So it's time to get off our duffs and get things going. Our initial
thoughts were to get together for building, show-n-tell,
and general QRP fellowship. If there is enough interest we will
start planning our first meeting.
Thanks for the bandwidth!

72/73,
John   NU0V
Urbandale, IA

Date: Mon, 16 Mar 1998 10:56:37 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [6127] DK3: The list...
Message-ID: <Pine.LNX.3.93.980316104127.506M-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well gang, here's the list. If you've sent me mail about getting a DK3
and you're not on this list, please call or send me mail and remaind me.
I think I have repsonded via email to everyone that wrote me about them.
These are in no particular order:

N3XRV	WB0GAZ	AL7FS	KI7MN	KU7Y	K5FO
K8IQY	K50I	WB2DHK	KQ4AL	N5DUQ	N6MM
WV3J	KS4L	N1ODL	KJ7NR	K1OJ	KB0PTE
KG2NO	WA2YGY	AB5PC	WA4HHP	W3KC	W4FPJ
N3BJ	WA6PBY	KL0MR	W5RH	KB0REI	K5HGB
KB9NAE	W1ME	W1PA	KB2VTN	N4EO	K8EAA
W5YR	N2MS	W6TOY	JN2AMR	W5HIR	W6JDB
KQ8RP	KE6VHM	VK3CWB	AA2YS	N1ZSW	

-- Chris Cartwright,   Technical Engineer | ccart@vidtel.com   --
-- N3XRV   ARRL-VE   QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

---

Date: Mon, 16 Mar 1998 08:51:19 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: qrp-l@Lehigh.EDU
Subject: [6128] ICOM 706MKII 40 mtrs/Night??
Message-ID: <350D3C67.2DB61A0D@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi folks - I'd like to take a poll of those who own the 706MKII,
as to it's performance on 40 meters at night. Here goes:

With the pre-amp OFF, do you hear a lot of bogus carriers, etc
on 40 meters?

Does putting the attenuator in completely take them out?

I was just wondering, because mine surely hears a lot of junk
without the attenuator.

Thanks!

Tim W5FN

Date: Mon, 16 Mar 1998 09:52:41 -0500
From: "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
To: qrp-l@Lehigh.EDU
Subject: [6129] Discussion - what validates a QSO?
Message-ID: <852565C9.0050C91D.00@dpcmail.dukepower.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Scott et al -- Back when I was doing serious EME work, the "rule" to make a
valid contact was:

1) Receipt of Callsigns (yours/his)
2) Receipt of Signal Report (accepted method of measure)
3) Acknowledgement of Receipt of info (R's, Rogers, etc)

I do wonder how some of this is perceived today as it seems to get
shortened up a bit at times, especially during contests and DX operations.
I still try to live by the above, but it is difficult to do in some ops,
particularly #3.

Watson - WB4EXW
==========

At the risk of starting a firestorm here, "JUST WHAT MAKES A QSO?"
An exchange of callsigns, other information, etc.?
A signal report?

Date: Mon, 16 Mar 1998 11:05:01 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu, Laurel ARC <larc-l@webtrek.com>,
pvrc@qth.net
Subject: [6130] QRP and QRPp stuff, or "I love 30m!"
Message-ID: <Pine.LNX.3.95.980316104215.22193A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

More evidence that QRP actually does work:

1) Saturday night, on 30m, driving from Columbia, MD to Olney, MD on MD
108, going up and down hills, around corners, I was able to have a very
solid QSO with someone in Louisiana (if I remember right), I at 3 watts
and he with 250 mW using a NorCal 38 special.

2) That same night, from Olney, MD, using a friend's Yaesu FT-747GX and an
80m halfwave dipole (up 20') I worked Al, N4FNG, in FL, at about 0300z on
10.121 MHz and we got to play with power levels a bit. I dropped it down
to 500 mW (approx) and was still 549. Not having anything able to read
lower than that, I dropped power to "zero" - or probably about a few
microwatts - and was gone. Al had an OHR WM-1 and could check his power
levels accurately, and I lost him at everything below 25 mW.

3) This morning, I worked into New Zealand (and the debate on signal
reports marches on) on 3 watts as I was driving into work.

Cool stuff. NEVER assume it won't work. Never.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* http://w3eax.umd.edu/~ham * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Mon, 16 Mar 1998 09:21:53 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: ham@w3eax.umd.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6131] Re: Discussion - what validates a QSO?
Message-ID: <350D4391.559F1125@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott Rosenfeld [NF3I] wrote:
> At the risk of starting a firestorm here, "JUST WHAT MAKES A QSO?"
>
> An exchange of callsigns, other information, etc.?
>
> A signal report?
>
> During Sweepstakes, it's   NR 324 Q NF3I 84 MDC
> During Field Day, it's   2A MDC
> During VHF contests, it's   FM19
>
> Soooo, does this ZL-guy I quasi-worked go into my log? He got my name,
> signal report, and state, but I got only his callsign (as he didn't give
> me a signal report) although he confirmed receipt of my info and I'm sure
> of his call. I know we made "contact" but when does it become official?

To add to your list of exhanges, meteor scatter schedules, the exchange
is typically S2. For EME it is even more cryptic. Also the DX pileup.
Who besides qrpers ever send / receive anything other than 5NN as the
exchange during a pileup on semi-rare dx. The exchange there is
basically the callsign. He heard me, I am in the log.

To be complete, you have to have an exchange of information. You did
that! Certainly getting his questions and properly responding with

repeats, indicates to me that you completed a legit qso. Certainly far above those on a dx net who get three guesses at their signal report. Gee, it was lower than S4 but it wasnt S2, "S3, I heard S3." You're legit, send him the card and relax.

73 de Dave, N0IT

Date: Mon, 16 Mar 1998 15:12:24 +0000
From: Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
To: qrp-l@Lehigh.EDU, "'gqrp-l@blacksheep.org'" <gqrp-l@blacksheep.org>
Subject: [6132] Web site - newist
Message-ID: <G7PAgCAYFUD1EwX0@g3ycc.prestel.co.uk>
MIME-Version: 1.0

Check out my home made iambic paddle unit:
http://www.homeusers.prestel.co.uk/g3ycc/paddle.htm
If you have made an iambic paddle, why not let me see a picture of it to add to my web site? It would help to show you don't need to spend big money on a commercial one!
Enjoy.
--
Frank G3YCC GQRP 042 (email g3ycc@g3ycc.prestel.co.uk)
QRP Web Page: http://www.homeusers.prestel.co.uk/g3ycc/
Packet: G3YCC@GB7HUL

Date: Mon, 16 Mar 1998 10:51:37 -0500
From: jim <kw3u@warwick.net>
To: qrp-l@Lehigh.EDU
Subject: [6133] vibroplex trade?
Message-ID: <350D4A89.5B3F@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All;
     I've been busy running my different straight keys on the bands this past week and kinda rated which i liked best...think in order they were:

1. the navy flameproof
2. the bencher
3. the tokyo hi-mound hk-708
4. nye-viking master

5. Vibroplex
6 & above; the various j-38 types

I would like to try the Kent straight key, so was wondering if someone might be interested in a trade for the vibroplex, in new condx with plastic dust cover and paperwork/box it all came in? Of course the dollar amount needed for a kent would also be ok. Tnx es now back to pounding the brass.

72 Jim

Date: Mon, 16 Mar 1998 08:51:23 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'cw'" <cw@qth.net>, "'homebrew'" <homebrew@qth.net>, "'Kenwood'" <kenwood@qth.net>, "'qrp-l'" <qrp-l@Lehigh.EDU>
Subject: [6134] Features
Message-ID: <01BD50B8.B491CAE0@pps-pc10.gwl.com>

Gang,

Thank you all for the advice - and I got plenty. For those of you just tuning in I will repeat my question as it still isn't resolved.

I am looking for a portable HF rig to be used by my self and my boy scouts. It needs to have Voice (for the scouts) and CW for me. I would like all 9 bands and 12V. Power out doesn't have to be a lot but if it would make it easier for the scouts to get a contact while camping so be it.

I've been looking at the TS-140S, TS-440S, FT-747GX, FT-757GX, IC-725 and IC-735 (others are not out of the question).

This will not be my primary rig (OHR-Explorer II) or my secondary rig (TS-830S) but one that can be used camping/scout meetings and abused (in other words I don't want to spend a lot).

Now for the story, I went to a swap fest this weekend - had lots of fun but suffered from sticker shock. The only rig there on my list was the 757. The guy wanted $600 for it. It was plainly labeled with the price and from what I observed it wasn't touched for the whole day so maybe he'll come down.

I am still taking recommendations and stories about rigs. I'll tell you one thing. People either like a rig or they don't, very few of you wrote in saying they had this rig and it was OK or so so.

I believe they ranked (overall) as follows.

1st place IC-735 with a close second TS-440S (newer ones). The FT-757 (newer ones) placed a close 3rd with the others mixed. Probably with the TS-140S the best.

I got a bunch of other recommendations for other rigs and will look into those. I've got until July before I need one (were going to Lake Powell with the scouts) so keep those recommendations coming.

BTW, the swap fest wasn't a total bust - I picked up a 10 turn reduction knob and a 10 turn knob for something that already has the reduction built in ($1 for the two). I also got a TR-7950 (Kenwood 2M FM Transceiver) base station/mobile rig (5 or 45 Watts out). The only 2M rig I have is an HT and there have been times I would have liked something like this and I believe I got a good deal on it so I'm happy. But now I have $100 less to spend on the HF rig.

Any way, I'm still shopping and I really appreciate all the help I've gotten. I also picked up a "FREE" box of stuff. I forgot to write down what the components and markings were so maybe tomorrow I'll get out my questions on it.

de KB0ROL, Brad

Date: Mon, 16 Mar 1998 10:47:20 -0500
From: "Ken Hanks" <kennfd@ibm.net>
To: <w5usj@webwide.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [6135] Re: Keyer for NW20
Message-ID: <01bd50f2$ce160820$41686420@kh>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck:

The Idiom Press CMOS Super Keyer III will fit in the case of the NW20. The downside would be drilling 6 holes for the push buttons and 1 hole for the speed pot. Keyer has 18 memories, 10 keying styles, adjustable weighting, all programed from the paddle and push buttons. Lots of other features. I think the board and parts (less controls) is about $60-$65. They advertise in the back of QST.

Usual disclaimers apply. JASC (Just A Satisfied Customer)

73,

Ken K1XS@ibm.net

Date: Mon, 16 Mar 1998 09:11:13 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@Lehigh.EDU
Subject: [6136] RE: Stuff for Sale
Message-ID: <3.0.3.32.19980316091113.00933270@eloi>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All the items have been sold. When multiple requests were received, I drew
a name at random. All of the "lucky winners" have been notified.

72, L.

Date: Mon, 16 Mar 98 11:25:16 -0500
From: cjl@mail09.mitre.org (Charles J. Ludinsky)
To: adams@chuck.dallas.sgi.com (adams@chuck.dallas.sgi.com), qrp-l@Lehigh.EDU
(qrp-l@Lehigh.EDU)
Subject: [6137] RE: Elmer101 Schematics and Printing PostScript Files
Message-ID: <980316112516.17371@mail09.mitre.org.0>

> I have placed on my web page the schematic to the SW-40+ with
> Dave Benson's, NN1G's, permission.
.
.
> 2. There is also the PostScript file for producing this image IF you
>   have postscript capability and a postscript printer. In the
>   PC world of Windows 3.1, Windows 95, and Windows NT I haven't
>   clue as to how useful this is going to be. So if you are
>   successful, in a short note give the menu as to how you did it
>   to the group at large.

Printing PostScript files is quite simple. First, make sure that the printer
is configured to print from DOS to LPT1. This is usually done during the
printer setup, but can be done later from the printer Properties menu.

Then, in a DOS window, execute the following:

```
type filename.ps > lpt1
```

where "filename.ps" is, of course, the name of the file that you want to print and where the file is, in fact, a postscript file. [Extraneous printer control sequences may cause the printer to produce many pages of garbage; of course, some printers may require a control sequence to enter a PostScript mode -- perhaps not so easy after all.]

Anyway, this works with the HP printers that we have here.

72 DE K1CL
Chuck.

Date: Mon, 16 Mar 1998 09:29:05 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: tahrens@inetport.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6138] Re: ICOM 706MKII 40 mtrs/Night??
Message-ID: <350CF0E1.51E73ACB@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've only had mine for a couple of days, but I don't really see a problem on 40M at night. Other than the Mexican SSB'ers, of course.

The pre-amp does bring up some more noise, and the attenuator takes it out, so it's sort of a wash. Maybe the new DSP unit will make a difference.

Not a real answer, I guess. I didn't find anything objectionable, so didn't pay attention....guess I'll check it out more closely tonight. Maybe we can get the Fox tomorrow.
--
72/73, de Roger, N7KT

Date: Mon, 16 Mar 1998 10:28:45 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Chuck and Michele Snyder <csnyder@nextdim.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6139] Re: I PASSED the no code Tech Exam
Message-ID: <Pine.SOL.3.91.980316102701.1484C-100000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

CONGRATULATIONS Chuck!!!....welcome to the best "hobby" in the world and
the best amateur radio group in the world!...hi hi hi...hope to contact
you sometime...72/73 - Bruce(VE5RC+VE5QRP)

e-mail: rattray@gpfn.sk.ca

Date: Mon, 16 Mar 1998 10:30:19 -0600 (CST)
From: Joe Smith <joey@cooldude.com>
To: Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6140] Re: Web site - newist
Message-ID: <Pine.LNX.3.95.980316102936.2145C-100000@buster.hworx.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Mar 1998, Frank G3YCC wrote:

> Check out my home made iambic paddle unit:
> http://www.homeusers.prestel.co.uk/g3ycc/paddle.htm
> If you have made an iambic paddle, why not let me see a picture of it to

Anyone know of any reasonably priced straight key kits?

Date: Mon, 16 Mar 1998 11:30:32 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "NJ-QRP" <njqrp@njqrp.org>, "LIQRP" <liqrp@waterw.com>, "QRP-L" <qrp-
l@Lehigh.EDU>
Subject: [6141] Better to work 30M or 40M all-around lately?
Message-ID: <199803161630.LAA23986@mail1y-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,

I've been out of the loop lately on the HF bands; no ants at the home QTH and not enough time.

I'll be on vaca in sunny FLA from Mar 22-30, and will be bringing two rigs; 20M SSB rig and a CW rig. What band overall do you guys think is best overall for short-skip and DX these days, 30 or 40M? Haven't even been able to really listen. Ant season is about to open up real soon at the home QTH though.

Not sure about a stealth ant out a window, so will be using an inv-vee in a palm tree.

Thanks for any info.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Mon, 16 Mar 1998 09:49:51 -0800
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [6142] antenna info?
Message-ID: <19980316.094951.12318.0.dave_epps@juno.com>

Anyone familiar with the Maxi-j and bumblebee antennas from Antenna's West?
Would you believe dolphins copying morse code?
See Fists Keynote issue 2 page 10.
           dave ab5pc fresno, ca.   cu at Dayton

_____
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 16 Mar 1998 12:17:50 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)

To: qrp-l@Lehigh.EDU
Subject: [6143] vertical or horizontal
Message-ID: <199803161817.MAA19157@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang: V or H that is the question...

        I put a couple of loops back up (till the next storm) but I kept them polarized horizontal... reason...
        Seems verticals tend to work verticals and most hams are horizontal... :-) My past experience indicated that unless one worked another vertical polarized station they could be in a situation of
                                them hearing you, you not hearing them
                                you hearing them, them not hearing you
                               or everybody hears each other for a while...

can anyone shed some light on this???

        PS be nice and I might put one of the loops vertical just to see... Joel wa5cvm in maine in the sneaux, ice, cold... sad condition for a young cajun lad... :-)

God Bless
Joel

WA5CVM   Gentlemen don't Cry, They QSY :-)
Joel Denison   Gentle Lady (RC Sail Plane)(049 engine - start)
PO BOX 542   40 mtr loop up 50ft
Strong, Maine 04983   QRP ARCI 4066   NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com   AK/QRP 109

Date: Mon, 16 Mar 1998 10:28:33 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: n7kt@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6144] Re: ICOM 706MKII 40 mtrs/Night??
Message-ID: <350D6F51.B89870BB@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger Hightower wrote:
>

> I've only had mine for a couple of days, but I don't really see a
> problem on 40M at night. Other than the Mexican SSB'ers, of course.

The problem is MUCH more severe on the other side of the Atlantic. I had a TenTec 540 which worked great in the US, but when I took it to Israel, 40 meters was almost
unusable (I don't recall if the 540 had an attenuator). The sheer power of those BC
stations destroyed the front end. Interestingly, when I switched to a Kenwood 930 over there, the problem went away -- the attenuator was not needed.

Vic K2VCO

Date: Mon, 16 Mar 1998 10:31:43 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@Lehigh.EDU>
Subject: [6145] Spring 98 Issue of QRPp to the Printer
Message-ID: <01bd5109$c4f09aa0$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Spring 98 issue of QRPp (Vol. 6 #1) copy went to the printer today. The turn around time will be about 3 weeks. So you should receive your copy the first week or so of April. There are 72 pages in this issue, and here is the table of contents.

QRPp, Spring Issue, 1998
>From the Editor, Doug Hendricks, KI6DS
The NJ-QRP "Microbeacon", George Heron, N2APB, Bob Applegate, K2UT, and Joe Everhart, N2CX
Power Amplifier Development with Your Transistors, Ade Weiss, W0SRP
End-Fed Half-Wave Antennas, Joe Everhart, N2CX
Application of the K1MG Digital Clock/Counter Kit, Don Faith, N9WR
The N7RI Unoptimized 2N2222 DSB TX, Ralph Irons, N7RI
Putting the Pixie on 20 and other Pixie Tweaks, Charlie Panek, KX7L
WE6W Contest Pixie, Ed Loranger, WE6W
The St. Louis Loop, Walter Dufrain, AG5P
Converting Commercial SWR/Wattmeters to QRP Sensitivity, Bill Hickox, K5BDZ
QRPpaddles, Jim Nestor, WK8G/2
The Saturday Night Special: A Simple 2N2222 Receiver Design, Ori Mizrahi-Shalom, AC6AN
The Herring Aid 5, "Back to the Future", Glenn Torr, VK1FB

Trouble Shooting the NorCal Herring Aid 5, Doug Hendricks, KI6DS
Back to the Future, "The Tuna Tin 2", Doug Hendricks, KI6DS
Adventrure Radio Society Events, Russ Carpenter, AA7QU
Thoughts on the Huff and Puff Frequency Controller, Dave Benson, NN1G
Building the NorCal K8FF Paddles in the UK, Ted Williams, G0ULL
QRP Hints and Kinks, Paul Harden NA5N

The cut-off date for getting your subscription or renewal in is next Monday. That means it has to get to Jim by next Monday, not that you have to mail it next Monday. Ok?? If you are not a subscriber send $15 if you live in the US or Canada, $20 if you are DX (for a 1 year subscription to QRPp, which is 4 issues, mailed quarterly. Membership in NorCal is free, the subscription to the journal is all that is charged for.) in US funds only to:

Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821

Note: All checks and money orders must be made out to Jim Cates NOT NorCal. If you wonder if it is time to renew, check your mailing the label. The expiration date is there. If it says Winter 97, you have let your subscription lapse if you have not renewed and are not on the mailing list for the next issue. Also, please, please tell Jim if it is a new subscription or a renewal, it is very important.

Date: Mon, 16 Mar 1998 11:12:58 -0800
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [6146] Antennas West
Message-ID: <19980316.111258.12318.1.dave_epps@juno.com>

Seems that Antenna's West is no longer in business, but the hf wire antennas
products will be taken over by "Radio Pauls".
Now to find Radio Pauls, any info?
dave ab5pc fresno, ca cu at dayton

_____
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 16 Mar 1998 12:36:26 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: jdenison@morelr.com
Cc: qrp-l@Lehigh.EDU
Subject: [6147] Re: vertical or horizontal
Message-ID: <199803161936.MAA21472@usr05.primenet.com>

Howdy Joel and Folks,

> Hi gang: V or H that is the question...
>
>   I put a couple of loops back up (till the next storm) but I kept
> them polarized horizontal... reason... Seems verticals tend to work
> verticals and most hams are horizontal... :-)

Since the polarity of a signal changes as it bounces
around the earth/ionosphere, antenna polarity really
shouldn't make a difference with HF/Skip communications.
Groundwave/skywave is another matter of course.

> My past experience indicated that unless one worked another vertical
> polarized station they could be in a situation of them hearing you,
> you not hearing them you hearing them, them not hearing you or everybody
> hears each other for a while...

Hmmm.... I rarely can't work a signal I hear (except
for 4-5 Foxii and some DX ;-)) with my HB vert, and
most of the hams I work are using dipoles/inv-vees,
loops or yagis. Not many verticals ever mentioned.
Maybe I've got the inverse problem. :)

Now under heavy QSB, you will hear a difference between
a vertical and horizontal antenna. ScQRPion Dan (N7VE)
and I sometimes pass the cold Fox Nights on the phone,
listening to the pileup. If the QSB is heavy, his loop
(generally horizontal) will "hear" differently from my
HB vert. We each still have the same QSB rate, but when
my Fox sig picks up, his might fade out, and vice-versa.
(No, we DON'T use this method to Hunt Foxii "tag team". :-))

But with either antenna, we can both almost always hear
the Fox, no matter what antenna the Fox is running with,
whether vert/horiz or "mutt" polarization.

Anyway, just my two bits. Radiate and enjoy. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Every man dies. Not every man really lives." -- Braveheart

Date: Mon, 16 Mar 1998 14:41:51 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: tentec@contesting.com, qrp-l@Lehigh.EDU
Subject: [6148] Tentec 217 & 220 filters
Message-ID: <52912.owen@piper.eeel.nist.gov>

Does anyone have a 217 and/or 220 filter that is surplus to your needs. If so let me know. 73 Jim K4CGY
K4CGY@yahoo.com

Date: Mon, 16 Mar 1998 14:38:17 -0500
From: "Buck, Preston D" <BuckPD@corning.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [6149] FOX: N/T+ Fox Thurs night - N0GLM - Time change
Message-ID: <6B137F61081DD0118DF600805FEAC5C5FF1FDA@SILVER.CORNING.COM>
Content-Return: allowed
Mime-Version: 1.0
Content-Type: text/plain

Greetings All,

Just a reminder that I will be the fox this thursday night. I know it is only Monday but I will be travelling for work (those pesky customers again) until Wednesday and I want to give the digest readers (like myself) a chance.

The schedule is Thursday 19 Mar 2000-2200 EST (20 Mar 0100-0300 UTC). I had to move the time back because it is getting too light out at 1900 and putting up my antenna raises a lot of questions from the neighbors. I will be using my trusty Yeasue 757GX at 5 watts feeding my G5RV at 20' center, 7ft on the ends. I will start around 7.141 MHz and shift as needed to avoid QRM/N. Code speed is as fast as I can receive without a lot of repeats, around 13 WPM or so.

This is my last go as fox before my VE exam next Monday (AAAA less than
a week!!!) and I still haven't heard anything from any CA hams, nor my
old home MO, so slide on up to the novice bands and look for me.

73
Preston, n0glm, Southern NY State

My words, not my employer's

Date: Mon, 16 Mar 1998 15:08:53 -0500
From: joel malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: malman@world.std.com
Subject: [6150] ARRL Contest Corral for April
Message-ID: <199803162008.AA09450@world.std.com>

QRP Contesters,

You are not going to believe the number of QRP related contests listed
in the APRIL 98 QST! (See pages 102-103).

Highpoints include:

     QRP ARCI Spring QSO Party (QRP ARCI International)
 and
     QRP To The Field (NorCal QRP Club)

Also listed with QRP categories, QSO 'Events' for ON, FL and MI.

Yep, April is going to be a FB QRP contest month!

/joel   wa1qvm

Date: Mon, 16 Mar 1998 15:40:36 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6151] Re: Discussion - what validates a QSO?
Message-ID: <Pine.OSF.3.95.980316153910.22123B-100000@vela.acs.oakland.edu>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Mar 1998, Scott Rosenfeld [NF3I] wrote:

> At the risk of starting a firestorm here, "JUST WHAT MAKES A QSO?"

I believe the generally accepted principal is CALL and SIGNAL REPORT.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics

http://www.acs.oakland.edu/~prvalko

Date: Mon, 16 Mar 1998 16:40:00 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: Laurel ARC <larc-l@webtrek.com>, qrp-l <qrp-l@Lehigh.EDU>
Cc: TenTec Mailinglist <tentec@contesting.com>, forsale-swap@qth.net
Subject: [6152] FS: Scout package, Century 21, Corsair II/263G
Message-ID: <Pine.LNX.3.95.980316153502.23881H-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ten-Tec Scout 555, 50w SSB/CW rig. Excellent shape with hand mic, noise blanker, 80-40-30-20-17-15-10 meter modules. With linear (heavy-duty) TT 937 power supply. $625 for all, incl. manual.

Ten-Tec Century 21, Analog, excellent condition. Works great, CW only, 10-15-20-40-80 meters, 0-70w input power (gives between 25 and 40w output, max). Built-in power supply. With manual. $185.

I'm also toying selling my Corsair II w/263G remote VFO, if anyone's interested. However, I don't know of a price to ask on it yet.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* http://w3eax.umd.edu/~ham * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Mon, 16 Mar 1998 21:17:22 +0000

From: Ed Loranger <we6w@qsl.net>
To: camqrp@cyberg8t.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6153] Re: Novice/Tech+ Sprint
Message-ID: <350D96E2.3F35@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Cam. I worked the N/T sprint for the full 4 hours. It was
pretty much dead on the bands but I stuck with it. I figured
if there were any N/T+ operators out there they'd have me for
company, at least.

ARS: WE6W, Ed Loranger
class:(40 Meters) Single Band , one operator (Non N/T).
Hours: 4 hours operating.
RIG/Pwr: Drake TR-3 at 5 Watts to Folded Bazooka ant. up 30 feet.
Code Speed: 3 to 8 WPM. :)

NOVICE/TECH+ SPRINT

Date/Time:
March 15, 1997; 2000 - 2400 Z
Exchange: RST CA ED

LOG: All 7110 +\- KHz Novice Band.
TIME CALL SENT/RCV
2030 N6WG 579/569 CA Bob
2105 KD6RWF   599/599 NV Rick
2208 KF6NJQ   599/599 CA Denny
2230 KG7PV   559/539 OR Steve
2300 AC6UW   599/599 CA Bob

Qso Pts: 5 @ 5pts each.
Pwr Multiplier: 7 for 5 watts.
Score: 25 Points * 7 Multiplier = 175 total score.

That's it. And I'd do it again! Thanks for the fun.

72/ Ed Loranger, we6w

--
72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (Enjoying Ham Radio every day.)

Date: Mon, 16 Mar 1998 18:37:29 +0000
From: Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
To: kw3u@warwick.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6154] Re: vibroplex trade?
Message-ID: <QlZ6vGApFXD1EwkN@g3ycc.prestel.co.uk>
MIME-Version: 1.0

In message <350D4A89.5B3F@warwick.net>, jim <kw3u@warwick.net> writes
>I would like to try the Kent straight key,
Although not relevant to this message, I see in the latest UK ham press
that Kent Keys have ceased trading. Watch out for a Kent key though in
the new Titanic film!
Best regards.
--
Frank G3YCC GQRP 042 (email g3ycc@g3ycc.prestel.co.uk)
QRP Web Page: http://www.homeusers.prestel.co.uk/g3ycc/
Packet: G3YCC@GB7HUL

Date: Mon, 16 Mar 1998 18:41:15 +0000
From: Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
To: dave_epps@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6155] Re: antenna info?
Message-ID: <fFh5nIALJXD1Ewmh@g3ycc.prestel.co.uk>
MIME-Version: 1.0

In message <19980316.094951.12318.0.dave_epps@juno.com>,
dave_epps@juno.com writes
>Would you believe dolphins copying morse code?
No, but when I was learning the code, almost anything seemed to sound
like CW. I was sat in the beautiful Yorkshire countryside one day. There
were some hens rooting about merrily in a hedge bottom. I swear those
creatures were clucking in CW!
Cheers!
--
Frank G3YCC GQRP 042 (email g3ycc@g3ycc.prestel.co.uk)
QRP Web Page: http://www.homeusers.prestel.co.uk/g3ycc/
Packet: G3YCC@GB7HUL

Date: Mon, 16 Mar 1998 21:42:42 +0000
From: wd3p@juno.com (Larry Cahoon)
To: qrp-l@Lehigh.EDU
Subject: [6156] 2xQRP/WAS/M - now there is an award
Message-ID: <19980316.214344.3950.0.wd3p@juno.com>

This may not be as hard as it seems. The county hunting group will actually give you an award for WAS Mobile to Mobile. You don't even have to abide by the 50 mile rule for ARRL WAS. This makes sense since the essence of mobile operation is that you are able to move and operate. The biggest problem would be finding the mobile QRP at the other end.

The mobile QRP can be fun, I still remember the CA station's reaction when after telling me he was running 300 Watts to his four element beam at 50 feet heard me say well I'm running a watt and a half mobile in MD.

Have fun de Larry....WD3P

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 16 Mar 1998 21:43:29 +0000
From: wd3p@juno.com (Larry Cahoon)
To: qrp-l@Lehigh.EDU
Subject: [6157] Re:valid QSOs
Message-ID: <19980316.214344.3950.1.wd3p@juno.com>

What is valid depends on the situation and your standards. In a contest the only officially valid QSOs are those in which both stations pass the required information. You can frequently get a card for much less. If I'm not going to submit a log I don't even need to copy the exchange. For DX it's if he gets your call - he is going to give you a 599 regardless. For the county hunters on their nets they will allow some one to pass the calls and the county names, but you must copy AND confirm the correct signal report or the contact doesn't count. A simple roger doesn't cut it.

Best rule may be if both are willing to call it a valid QSO and exchange cards. With a card in hand its hard to argue the validity of the contact. Then there was the card I got back for the QSO that never

happened when I wrote a guy asking for a contact for his county. The QSO needless to say never made the log and the card is long since lost.

my 2 cents worth.....have fun, 73 de Larry....WD3P

_____
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 16 Mar 1998 13:58:49 -0800
From: Ken Lopez <kjlopez@earthlink.net>
To: dave_epps@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6158] Re: Antennas West
Message-ID: <350DA09B.1E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

dave_epps@juno.com wrote:
>
> Seems that Antenna's West is no longer in business, but the hf wire
> antennas
> products will be taken over by "Radio Pauls".
> Now to find Radio Pauls, any info?
>   dave ab5pc fresno, ca   cu at dayton

Here is the information I got from him at Flagstaff last July;

Radio Paul
10521 Espira Ct. Nw.
Albequerque, NM., 87114
505-898-6818 Evenings

The above was handwritten by him, and is difficult to read in places.
There may be problems with some of the numbers.

Let us know what you find out!

Cheers,
Ken, N6TZV

Date: Mon, 16 Mar 1998 17:06:12 -0500
From: Ed Tanton <n4xy@bellsouth.net>
To: prvalko@oakland.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [6159] Re: Discussion - what validates a QSO?
Message-ID: <3.0.1.32.19980316170612.00bb0dc0@mail.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm with Paul... and have always felt VERY strongly about BOTH the callsign
and signal report... it's difficult to do properly sometimes when there is
a huge pileup, and MANY others are waiting, but if HE sends YOUR callsign,
and YOU sent HIS callsign, and you EACH sent a signal report to the other
(that was received), THAT is a QSO in my book.
73

____
Ed Tanton   N4XY   EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466   TEL: (770)579-3933 V/MBX/FAX
____
INTERESTS: QRP   BoatAnchors   Test Equipment   Photography
CW: 99.9%   Mercury Paddle # 0214   QRP to 150W: 95%
~~~~~~
"Think you can, think you can't: either way you're right!"   Henry Ford
~~~~~~

Date: Mon, 16 Mar 1998 15:14:45 -0700
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-l@Lehigh.EDU>
Subject: [6160] Fw: Antennas West
Message-ID: <00c001bd5129$afa6dfe0$844a460f@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul's email is Radiopaul@junio.com or Radiopaul@aol.com he uses both I
think.

The info below is correct.   Cheers Steve/n0tu

>dave_epps@juno.com wrote:

>>
>> Seems that Antenna's West is no longer in business, but the hf wire
>> antennas
>> products will be taken over by "Radio Pauls".
>> Now to find Radio Pauls, any info?
>>   dave ab5pc fresno, ca   cu at dayton
>
>Here is the information I got from him at Flagstaff last July;
>
>Radio Paul
>10521 Espira Ct. Nw.
>Albequerque, NM., 87114
>505-898-6818 Evenings
>
>The above was handwritten by him, and is difficult to read in places.
>There may be problems with some of the numbers.
>
>Let us know what you find out!
>
>Cheers,
>Ken, N6TZV
>
>
email: n0tu@webaccess.net
-----Original Message-----
From: Ken Lopez <kjlopez@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, March 16, 1998 2:52 PM
Subject: Re: Antennas West

Date: Mon, 16 Mar 1998 17:23:02 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@Lehigh.EDU>
Subject: [6161] N/T Sprint
Message-ID: <Pine.SOL.3.91.980316172109.21027A-100000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well listened and cruised up and down 40,15 & 10 mtrs but not one N/T
station to be heard...so maybe next time...72 - Bruce(VE5RC) - ps -
worked 1 station on 21.110 but no N/Ts.

Date: Mon, 16 Mar 1998 18:25:34 -0500
From: "Mullins, Michael (MJ)" <MJMULLINS@dow.com>
To: "'qrp-l'" <qrp-l@Lehigh.EDU>
Subject: [6162] NorCal paddles: contact problems?
Message-ID:
<c=WW%a=ATTMAIL%p=DOW%l=TXNTE10-980316232534Z-85603@mante03.nam.dow.com>

I am having problems with my NorCal paddle. It occasionally drops dits. Curiously, this never occurs with the 'dah' contact. Here's what I know so far:
1. The problem is not the bearing as I originally suspected. An ohmeter from ground to the brass lever always shows very low resistance (<10 ohms). Also, placing a temporary lead from the lever to ground does not help.
2. The contact resistance is dependant on lever pressure and the slight rocking (up and down) from the slop in the bearing. Careful cleaning of the contact with various grades of sandpaper sometimes seems to help, but does not have a dramatic effect. My keyer needs a 50K resistance (or less) to see a closed switch.
3. I tried replacing the set-screw with a brass set-screw, but this seemed to make things worse. I have not tried replacing the stainless steel adjustment screw with brass so that both sides are brass, but I will try this next.
I realize that this problem does not have the complexity of others discussed in this group such as phase noise of phase lock loop VFO's, but it's driving me INSANE! I start use more lever pressure, and then the paddle starts to walk around the desk. Is anyone else having this problem? Does anyone have any ideas? Thanks,
Mike Mullins KD5CMN
Lake Jackson, TX

Date: Mon, 16 Mar 1998 23:32:41 +0000
From: Ed Loranger <we6w@qsl.net>
To: kd4zkw@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6163] Re: The Balanced Ham (Long)
Message-ID: <350DB699.1AFD@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is a very nice thread started by Joe, AB7TT. You and your
family have my best wishes.

I brought in my weekend project from the garage. Setup the scope
in the dining area, soldering iron, some tools, probes, etc. Sometimes
just being "in the house" and available, can be the answer: "Have
your cake, and eat it too."

The work-related project, a 9 MHz filter for a test-station at work,
needed
a 50-7500 Ohm matching section. And my kids needed attention.

I took breaks and even taught my daughter the solitaire game "13" or
"pyramid". Now she can add MUCH better. She's 7 yrs. old. We took
turns for hours and it was great.

She even beat the game!

And I wound toroids, GDO'd the circuit, measured insertion loss,
and enjoyed the aroma while dinner was cooking.

Yes, it was a nice weekend, an opportunity for renewed balance
in one's life. I don't claim to have any ideal measure of balance
here, in fact, I've always been a highly focused nerd -- studying
the affects of EMP on communications at a party in 1986 hee, hee, etc...

I guess I can slide a bit with the xyl, she knew what I was when she
married me. But the harmonics need tending.

So I've cut a deal: I'll only be Hamming-it an equal number of
hours that the Sony Playstation (tm) is in operation.

(Looks like I'll get a lot of projects done this year!)
-72
--
72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (Enjoying Ham Radio every day.)

Date: Mon, 16 Mar 1998 17:37:43 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: pharden@aoc.nrao.edu
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [6164] Re: I PASSED the no code Tech Exam
Message-ID: <351A2DFAE256D111883A0060B06B166248FB1B@s-il02-j.comm.mot.com>
MIME-Version: 1.0

Content-Type: text/plain

Paul:
I did somewhat the same in '68 when I was going for my Extra. Used to copy WSL (or was it WLS?) on 6414 kHz every evening. News, weather, stock quotations, etc. A lot like copying code groups.

I think it was all hand sent, because you could hear little variations in the speed, and occasional pauses, maybe when the op paused for a cigarette or a slurp of coffee.

I had a system, in that when I had two complete lines of clear text on my pad, I had over the required 100 consecutive characters to pass the exam.

On the day of the test, we got rolling, and shortly I had my two lines down. I stopped, went back over my copy to clean it up and dot i's, cross t's, etc. People looked at me out of the corners of their eye, wondering "Did he freeze up?" Went remarkably easy with the system, knowing when I had it passed.

72, Bob N6WG

End of QRP-L Digest 1031
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